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April 28, 2004

James S. Parker, Patent Attorney

INFORMATION DISCLOSURE STATEMENT
Examining Group 2881
Patent Application
Docket No. UF-347XC1
Serial No. 10/732,972

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 2881
Applicant(s) : Joshua J. Coon
Serial No. : 10/732,972
Filed : December 10, 2003
Conf. No. : 8490
For : Method for Coupling Laser Desorption to Ion Trap Mass Spectrometers

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 AND 1.98

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO/SB/08 with initials or other appropriate marks. If any additional fee is required, or to credit any overpayment, please use Deposit Account No. 19-0065.

Applicants respectfully assert that the substantive provisions of 37 C.F.R. §§ 1.97 and 1.98 are met by the foregoing statement.

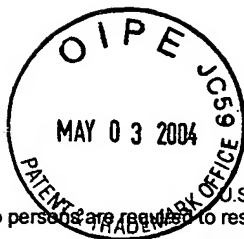
Respectfully submitted,



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JSP/ba

Attachments: Form PTO/SB/08 (2 pages)
References listed thereon (12)



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/732,972
				Filing Date	December 10, 2003
				First Named Inventor	Joshua J. Coon
				Art Unit	2881
Examiner Name					
Sheet	1	of	2	Attorney Docket Number	UF-347XC1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	US- 5,663,562	09-02-1997	Jones <i>et al.</i>	All
	U2	US- 5,965,884	10-12-1999	Laiko <i>et al.</i>	All
	U3	US-			
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08B (08-03)

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/732,972		
		Filing Date	December 10, 2003		
		First Named Inventor	Joshua J. Coon		
		Group Art Unit	2881		
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	UF-347XC1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	COON, J.J. <i>et al.</i> "Atmospheric Pressure Laser Desorption/Chemical Ionization Mass Spectrometry: A New Ionization Method Based on Existing Themes" <i>Rapid Communications in Mass Spectrometry</i> , 2002, pp. 681-685, Vol. 16.	
	R2	COON, J.J. and HARRISON, W.W. "Laser Desorption-Atmospheric Pressure Chemical Ionization Mass Spectrometry for the Analysis of Peptides from Aqueous Solutions" <i>Anal. Chem.</i> , November 1, 2002, pp. 5600-5605, Vol. 74 (indicates published on the Web September 14, 2002).	
	R3	CREASER, C.S. <i>et al.</i> "Structural Analysis of Oligosaccharides by Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Quadrupole Ion Trap Mass Spectrometry" <i>Rapid Communications in Mass Spectrometry</i> , 2002, pp. 176-184, Vol. 16.	
	R4	Galicia, M.C. "Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization in Transmission Geometry" <i>Anal. Chem.</i> , April 15, 2002, pp. 1891-1895, Vol. 74 (indicates published on the Web March 16, 2002).	
	R5	KEOUGH, T. <i>et al.</i> "Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Ion Trap Mass Spectrometry of Sulfonic Acid Derivatized Tryptic Peptides" <i>Rapid Communications in Mass Spectrometry</i> 2001, pp. 2227-2239, Vol. 15.	
	R6	LAIKO, V.V. <i>et al.</i> "Atmospheric Pressure Laser Desorption/Ionization on Porous Silicon" <i>Rapid Communications in Mass Spectrometry</i> , 2002, pp. 1737-1742, Vol. 16.	
	R7	LAIKO, V.V. <i>et al.</i> "Atmospheric Pressure MALDI/Ion Trap Mass Spectrometry" <i>Anal. Chem.</i> , November 1, 2000, pp. 5239-5243, Vol. 72 (indicates published on the Web September 23, 2000).	
	R8	LAIKO, V.V. <i>et al.</i> "Desorption/Ionization of Biomolecules from Aqueous Solutions at Atmospheric Pressure Using an Infrared Laser at 3 μm " <i>Am. Soc. Mass. Spectrom.</i> , 2002, pp. 354-361, Vol. 13 (indicates published on-line February 14, 2002).	
	R9	MOYER, S.C. and COTTER, R.J. "Atmospheric Pressure MALDI" <i>Anal. Chem.</i> , September 1, 2002, pp. 469-476.	
	R10	MOYER, S.C. <i>et al.</i> "Fragmentation of Phosphopeptides by Atmospheric Pressure MALDI and ESI/Ion Trap Mass Spectrometry" <i>J. Am. Soc. Mass. Spectrom.</i> , 2002, pp. 274-283, Vol. 13 (indicates published on-line January 22, 2002).	
	R11		
	R12		
	R13		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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